



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) ALTU-530	Application Number 10/687,040
	Applicant(s) Kevin P. Connors et al.	
	Filing Date October 16, 2003	Group Art Unit 3739

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	*AA	634,113	03/15/1950	Riley	81(ii)	B22	03/10/1947
	*AB	2,699,771	01/18/1955	Rüttger-Pelli	128	24.1	08/03/1950
	*AC	3,327,712	06/27/1967	Kaufman et al.	128	398	09/15/1961
	*AD	3,648,706	03/14/1972	Holzer	128	395	11/23/1970
	*AE	3,867,948	02/25/1975	Kallenborn	128	395	02/13/1973
	*AF	4,020,383	04/26/1977	Labadini et al.	313	344	12/31/1975
	*AG	4,022,534	05/10/1977	Kishner	356	210	03/23/1976
	*AH	4,233,493	11/11/1980	Nath	219	354	12/09/1977
	*AI	4,298,005	11/03/1981	Mutzhäs	128	396	07/05/1979
	*AJ	4,505,545	03/19/1985	Salia-Munoz	350	321	01/21/1983
	*AK	4,539,987	09/10/1985	Nath et al.	128	303.1	06/04/1984
	*AL	4,608,990	09/02/1986	Elings	128	633	09/12/1983
	*AM	4,658,823	04/21/1987	Beddoe et al.	128	396	04/15/1986
	*AN	4,667,658	05/26/1987	Guibert	128	24.1	04/23/1986
	*AO	4,686,986	08/18/1987	Fenyö et al.	128	396	04/26/1982
	*AP	4,747,660	05/31/1988	Nishioka et al.	350	96.25	01/29/1987
	*AQ	4,757,431	07/12/1988	Cross et al.	362	261	07/01/1986
	*AR	4,784,135	11/15/1988	Blum et al.	128	303.1	08/11/1986
	*AS	4,860,172	08/22/1989	Schlager et al.	362	32	01/19/1988
	*AT	4,884,568	12/05/1989	Hahn	128	303.1	01/03/1988
	*AU	4,930,504	06/05/1990	Diamantopoulos et al.	128	395	11/13/1987
	*AV	4,950,880	08/21/1990	Hayner	250	201.9	07/28/1989
	*AW	4,976,709	12/11/1990	Sand	606	5	06/30/1989
	*AX	5,139,494	08/18/1992	Freiberg	606	3	09/04/1991
	*AY	5,161,526	11/10/1992	Hellwing et al.	128	395	03/18/1991
	*AZ	5,207,671	05/04/1993	Franken et al.	606	9	04/02/1991
	*BA	5,259,380	11/09/1993	Mendes et al.	607	115	11/15/1990
	*BB	5,304,169	04/19/1994	Sand	606	5	08/17/1992
	*BC	5,320,618	06/14/1994	Gustafsson	606	9	04/09/1991
	*BD	5,336,217	08/09/1994	Buys et al.	606	9	06/05/1992
	*BE	5,337,741	08/16/1994	Diamond	600	8	06/21/1991
	*BF	5,344,434	09/06/1994	Talmore	607	88	12/21/1992
	*BG	5,374,265	12/20/1994	Sand	606	5	08/06/1992
	*BH	5,409,479	04/25/1995	Dew et al.	606	9	08/24/1992
	*BI	5,441,531	08/15/1995	Zarate et al.	607	90	10/18/1993
	*BJ	5,458,596	10/17/1995	Lax et al.	606	31	05/06/1994
	*BK	5,511,563	04/30/1996	Diamond	128	848	02/18/1994
	*BL	5,569,979	10/29/1996	Scott et al.	313	636	09/26/1994
	*BM	5,572,091	11/05/1996	Langer et al.	313	636	05/17/1995
	*BN	5,591,157	01/07/1997	Hennings et al.	606	3	09/07/1994
*BO	5,660,836	08/26/1997	Knowlton	424	400	05/05/1995	
*BP	5,769,844	06/23/1998	Ghaffari	606	16	06/07/1995	
*BQ	5,769,878	06/23/1998	Kamei	607	88	03/22/1996	

Examiner <i>Am</i>	Date Considered 9/27/05
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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	*BR	5,755,753	05/26/1998	Knowlton	607	98	05/05/1995
	*BS	5,782,895	07/21/1998	Zarate et al.	607	88	06/06/1995
	*BT	5,807,261	09/15/1998	Benaron et al.	600	473	06/07/1995
	*BU	5,810,801	09/22/1998	Anderson et al.	606	9	02/05/1997
	*BV	5,814,040	09/29/1998	Nelson et al.	606	9	05/15/1995
	*BW	5,820,625	10/13/1998	Izawa et al.	606	9	11/27/1996
	*BX	5,830,208	11/03/1998	Muller	606	9	01/31/1997
	*BY	5,843,074	12/01/1998	Cocilovo	606	10	03/17/1997
	*BZ	5,843,143	12/01/1998	Whitehurst	607	88	10/22/1993
	*CA	5,885,274	03/23/1999	Fullmer et al.	606	9	06/24/1997
	*CB	5,919,219	07/06/1999	Knowlton	607	102	08/19/1997
	*CC	5,964,749	10/12/1999	Eckhouse et al.	606	9	09/15/1995
	*CD	5,989,283	11/23/1999	Wilkens	607	88	09/25/1997
	*CE	6,015,404	01/18/2000	Altshuler et al.	606	9	12/02/1996
	*CF	6,080,146	06/27/2000	Altshuler et al.	606	9	02/24/1998
	*CG	6,096,066	08/01/2000	Chen et al.	607	88	09/11/1998
	*CH	6,120,497	09/19/2000	Anderson et al.	606	9	09/15/1998
	*CI	6,171,332	01/09/2001	Whitehurst	607	89	02/09/1998
	*CJ	6,241,753	06/05/2001	Knowlton	607	99	01/05/1996
	*CK	6,273,884	08/14/2001	Altshuler et al.	606	9	05/13/1998
	*CL	6,280,438	08/28/2001	Eckhouse et al.	606	9	08/18/1997
	*CM	6,319,273	11/20/2001	Chen et al.	607	88	12/16/1999
	*CN	6,377,855	04/23/2002	Knowlton	607	101	01/06/1998
	*CO	6,381,498	04/30/2002	Knowlton	607	101	01/06/1998
	*CP	6,387,089	05/14/2002	Kreindel et al.	606	9	05/10/1999
	*CQ	6,405,090	06/11/2002	Knowlton	607	102	06/30/1999
	*CR	6,413,253	07/02/2002	Koop et al.	606	27	11/03/1998
	*CS	6,443,978	09/03/2002	Zharov	607	91	04/09/1999
	*CT	6,453,202	09/17/2002	Knowlton	607	102	09/17/1999
	*CU	6,461,866	10/08/2002	Whitehurst	435	325	11/15/2000
	*CV	6,482,199	11/19/2002	Neev	606	10/	08/02/2000
	*CW	6,508,813	01/21/2003	Altshuler	606	9	03/12/1999
	*CX	6,517,532	02/11/2003	Altshuler et al.	606	9	12/28/1999
	*CY	6,558,372	05/06/2003	Altshuler	606	2	01/19/1999
	*CZ	6,569,155	05/27/2003	Connors et al.	606	9	03/13/2000
	*DA	6,602,275	08/05/2003	Sullivan	607	88	09/18/2000
	*DB	6,605,080	08/12/2003	Altshuler et al.	606	3	03/26/1999
	*DC	6,663,620	12/16/2003	Altshuler et al.	606	9	01/18/2002
	*DD	6,743,222	06/01/2004	Durkin et al.	606	9	12/07/2000
	*DE	6,749,624	06/15/2004	Knowlton	607	104	12/20/2001
	*DF	US 2002/0055092	05/09/2002	Hochman	435	4	10/30/2001
	*DG	US 2002/0128635	09/12/2002	Altshuler et al.	606	9	01/18/2002
	*DH	US 2003/0023283	01/30/2003	McDaniel	607	88	11/08/2001

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<i>A</i>	*DI	US 2003/0032950	02/13/2003	Altshuler et al.	606	9	05/23/2002
	*DJ	US 2003/0045916	03/06/2003	Anderson et al.	607	89	08/20/2002
	*DK	US 2003/0055414	03/20/2003	Altshuler et al.	606	9	10/21/2002
	*DL	US 2003/0065313	04/03/2003	Koop et al.	606	9	05/31/2002
	*DM	US 2003/0065314	04/03/2003	Altshuler et al.	606	9	09/17/2002
	*DN	US 2003/0199859	10/23/2003	Altshuler et al.	606	9	05/21/2003
	*DO	US 2004/0024388	02/05/2004	Altshuler	606	2	04/07/2003

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### FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
A	DP	968854	06/03/1975	Canada	326	4		
	DQ	1041610	10/31/1978	Canada	326	16		
	DR	DE 33 47 730 A1	07/04/1985	Germany	A61N	5/06	Abstract	
	DS	WO 89/00871	02/09/1989	PCT	A61N	5/06		
	DT	DE 39 06 860 A1	09/28/1989	Germany	A61B	6/00	Abstract	
	DU	4-98795	03/31/1992	Japan	H05B	41/24	Abstract	
	DV	0 565 331 A2	04/05/1993	EPC	A61N	5/06		
	DW	WO 96/22813	08/01/1996	PCT	A61N	5/06		
	DX	WO 97/37723	10/16/1997	PCT	A61N	5/06		
	DY	WO 98/38933	09/11/1998	PCT	A61B	17/36		
	DZ	WO 00/54685	09/21/2000	PCT	A61B	18/20		
	EA	WO 00/54685 A3	09/21/2000	PCT	A61B	18/20	Search Report	
	EB	GB 2 360 946 A	10/10/2001	United Kingdom	A61N	5/01		

### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

A	EC	R.M. Adrian, "Treatment of Facial Telangiectasia Using the VersaPulse® Variable Pulse Width Frequency Doubled Neodymium:YAG Laser: A Case Report," 2 pages in length.
	ED	J.C. Allain et al., "Isometric Tensions Developed During the Hydrothermal Swelling of Rat Skin," <i>Connective Tissue Research</i> , Vol. 7, pp. 127-133 (1980).
	EE	R.R. Anderson et al., <i>International Advances in Surgical Oncology (Volume 5)</i> , section entitled "Lasers in Dermatology Provide a Model for Exposing New Applications in Surgical Oncology," publisher Alan R. Liss, Inc. (1982), pp. 341-358.
	EF	R.R. Anderson, Brochure by Palomar Medical Technologies, Inc., "A Clinical Study on Ruby Lasers for Permanent Hair Reduction," 8 pages in length (1999)
	EG	R.R. Anderson, "Safety and Efficacy of the Palomar Ruby Laser for Hair Removal," Harvard Medical School, March 1997, 2 pages in length.
	EH	R.R. Anderson, "Hair Removal Using Light," Harvard Medical School, March 1997, 2 pages in length.
	EI	R.R. Anderson, "Clinical Use of the EpiLaser® System," 8 pages in length (1998).
	EJ	Brochure, from Laser Aesthetics, Inc., "The Cool Touch Laser," one page in length.
	EK	C. Chess et al., "Cool Laser Optics Treatment of Large Telangiectasia of the Lower Extremities," <i>J. Dermatol. Surg. Oncol.</i> , Vol. 19, pp. 74-80 (1993).
	EL	W.F. Coulson et al., "Nonablative Laser Treatment of Facial Rhytides: Animal Study," <i>Abstract of BIOS '98 Symposium [Cutaneous Applications of Lasers]</i> , 24-30 January 1998 in San Jose, CA, one page in length.
	EM	C.C. Danielsen, "Age-related thermal stability and susceptibility to proteolysis of rat bone collagen," <i>Biochem J.</i> , Vol. 272, No. 3, 1990 Dec. 15, pp. 697-701.
	EN	C.C. Danielsen, "Thermal Stability of Reconstituted Collagen Fibrils, Shrinkage Characteristics upon <i>In Vitro</i> Maturation, <i>Mechanisms of Ageing and Development</i> , Vol. 15, pp. 269-278 (1981).
	EO	J.S. Dover et al., "Pigmented Guinea Pig Skin Irradiated With Q-Switched Ruby Laser Pulses," <i>Arch. Dermatol.</i> , Vol. 125, Jan. 1989, pp. 43-49.
	EP	R. Fitzpatrick, "Treatment of Wrinkles with the UltraPulse CO <sub>2</sub> Laser," 3 pages in length.
	EQ	L. Goldman, "Comparison of the Biomedical Effects of the Exposure of Human Tissues to Low and High Energy Lasers," <i>Ann. N.Y. Acad. Sci.</i> , Vol. 122, 1965 May 29, 1965, pp. 802-833.

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**OTHER DOCUMENTS**  
(Including Author, Title, Date, Pertinent Pages, Etc.)

ER	"Laser Surgery of Angiomas with Special Reference to Port-Wine Angiomas," <i>AMA Association</i> , June 18-22, 1967, 8 pages in length.
ES	J.M. Grevelink et al., "Clinical and Histological Responses of Congenital Melanocytic Nevi After Single Treatment With Q-Switched Lasers," <i>Arch. Dermatol.</i> , Vol. 133, Mar. 1997, pp. 349-353.
ET	K. Kincade, "Demand for Laser Resurfacing Soars," <i>Dermatology Times</i> , Vol. 16, No. 10, October 1995, 4 pages in length.
EU	P. Kronick et al., "The Locations of Collagens with Different Thermal Stabilities in Fibrils of Bovine Reticular Dermis," <i>Connective Tissue Research</i> , Vol. 18, pp. 123-134 (1988).
EV	H. Kubota et al., "Atrial Ablation With an IRK-151 Infrared Coagulator," <i>Ann. Thoracic Surg.</i> , Vol. 66, pp. 95-100 (1998).
EW	J.G. Kuhns et al., "Laser Injury in Skin," <i>Laboratory Investigations</i> , Vol. 17, No. 1, pp. 1-13 (1967).
EX	M.A. Mainster, "Ophthalmic applications of infrared lasers—thermal considerations," <i>Invest. Ophthalmol. Visual Sci.</i> , Vol. 18, No. 4, April 1979, pp.414-420.
EY	T. Matsumoto et al., "Ruby Laser Treatment of Melanin Pigmented Skin Lesions using Toshiba Model LRT—301A Ruby Laser," <i>Journal of the Japanese Society for Laser Surgery and Medicine</i> , Vol. 10, No. 3, Dec. 1989, pp. 451-454.
EZ	J.B. Murdoch, <i>Illumination Engineering -- From Edison's Lamp to the Laser</i> , Chapt. 6.8 entitled "Tungsten-Halogen Lamps," published by Macmillan Publishing Company (1985), pp. 208-211.
FA	M.H. Niemz, <i>Laser-Tissue Interactions Fundamentals and Applications</i> , Chapt. 3.2.3 entitled "Heat Effects," published by Springer-Verlag Berlin Heidelberg (1996), pp. 77-80.
FB	T. Ohshiro et al., "The Ruby and Argon Lasers in the Treatment of Naevi," <i>Annals Academy of Medicine</i> , Vol. 12, No. 2 (Suppl.), April 1983, 8 pages in length.
FC	T. Ohshiro, "Treatment by Ruby Laser Beams in the Field of Dermatology," <i>Japan Medical News</i> , "Separate Volume No. 2768, issued on May 14, 1997, 21 pages in length (English translation attached).
FD	H. Ohtsuka et al., "Ru Laser Histological Studies and Clinical Experiences of Ruby Laser Treatment," 9 pages in length (1991) (1st page is an English Abstract).
FE	I. Ono et al., "Histopathological Alteration of Skin and Irradiation of Rudy Laser," <i>Journal of the Japanese Society for Laser Surgery and Medicine</i> , Vol. 11, No. 4, 4 March 1991, 2 pages in length (1st page is an English abstract).
FF	D.Y. Paithankar et al., "Acne Treatment With a 1,450 nm Wavelength Laser and Cryogen Spray Cooling," <i>Lasers in Surgery and Medicine</i> , Vol. 31, pp. 106-114 (2002).
FG	J.A. Pearce et al., "Kinetic Models of Laser-Tissue Fusion Processes," <i>Biomed. Sci. Instrum.</i> , Vol. 29, pp. 355-360 (1993).
FH	L.L. Polla et al., "Melanosomes Are a Primary Target of Q-Switched Ruby Laser Irradiation in Guinea Pig Skin," <i>The Journal of Investigative Dermatology</i> , Vol. 89, No. 3, September 1987, pp. 281-286.
FI	Press Release, "New Laser Eliminates 'Lipstick Bleed,'" 3 pages in length.
FJ	Spectrum Medical Technologies, Inc., an operator's manual written by Lasermetrics, Inc., exclusively for Spectrum Medical Technologies, Inc., "Q-Switched Ruby Laser System Model RD-1200, 23 pages in length.
FK	E.R. Squibb & Sons, "Lasers Light the Way to New Research Concepts in Science Industry Medicine," 33 pages in length.
FL	R. Tanino et al., "Development of Ruby Laser System for Medical Use," <i>Journal of the Japanese Society for Laser Surgery and Medicine</i> , Vol. 11, No. 4, 4 March 1991, pp. 93-98.
FM	K. Iwasaki et al., (Astract) "Development of Laser Systems for Treatment of Hyperpigmented Skin Lesions," <i>Publication unknown -- entire article is in Japanese except for the Abstract</i> , revised March 1, 1989, pp. 26-34 (Abstract appears on page 34).

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